AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claims 1 to 3 (Cancelled).

4. (Currently Amended) The device of Claim [[1]]19, wherein the power supply part supplies a current of less than about 300 μA.

Claims 5 to 8 (Cancelled).

9. (Currently Amended) The device of Claim [[8]]19, wherein the purified water/ion-conductive material ~~second collection material~~ is configured to contact the skin over an area of between 0.01 and 25 mm^2.

Claim 10 and 11 (Cancelled).

12. (Currently Amended) The device of Claim [[1]]19, wherein the power supply part comprises a constant-current power supply.

13. (Currently Amended) The device of Claim [[1]]19, wherein the power supply part comprises a constant-voltage power supply.

14. (Currently Amended) The device of Claim [[1]]19, wherein the power supply part outputs a voltage of less than about 10 V.

15. (Currently Amended) The device of Claim [[1]]19, further comprising an extraction accelerator part for promoting the extraction of the analyte.

16. (Original) The device of Claim 15, wherein the extraction accelerator part comprises an ultrasonic irradiation part for irradiating the skin with ultrasonic waves.

17. (Currently Amended) The device of Claim [[1]]19, wherein the analyte is glucose.

18. (Currently Amended) An analyzer for analyzing an analyte extracted through skin, the analyzer comprising:

the extraction device of Claim [[1]] 19;

an assay part for assaying the analyte extracted in the first electrode part, and for outputting a signal corresponding to an amount of the analyte;

an analysis part for analyzing the signal output by the assay part to obtain an analysis result; and

an output part for outputting the analysis result obtained by the analysis part.

19. (Currently Amended) An extraction device for extracting an analyte in living tissue through skin, the device comprising:

a first path-forming electrode part;

a first extraction electrode part for extracting an analyte;

a through-current electrode part; and

a power supply part for supplying electrical energy to the first path-forming electrode part, the first extraction electrode part, and the through-current electrode part, for forming analyte transmission paths in the skin for the passage of the analyte, and for extracting the analyte at the first extraction electrode part;

wherein the first path-forming electrode part comprises a first path-forming electrode connected to the power supply part, and a first chamber comprising purified water/ion-conductive material, wherein the purified water/ion-conductive material contacts the first path-forming electrode; [[and]]

wherein the first chamber is configured such that the purified water/ion-conductive material; is configured to contact the skin over an area of less than 25 mm^2; and

wherein the first path-forming electrode part is connected to the power supply part during formation of the analyte transmission paths, and during analyte extraction, wherein the first path-forming electrode part is disconnected from the power supply part, and wherein the first extraction electrode part is connected to the power supply part.

20. (Original) The device of Claim 19, wherein the contact area is between 0.01 and 25 mm^2.

21. (Cancelled).

22. (Currently Amended) The device of Claim 19 further comprising:

a second path-forming electrode part; and

a second extraction electrode part for extracting an analyte;

wherein the power supply part comprises:

a first power supply for supplying electrical energy to the first path-forming electrode part, the first extraction electrode part, and the through-current electrode part, for forming analyte transmission paths in the skin, and for extracting analyte at the first extraction electrode part; and

a second power supply for supplying electrical energy to the second path-forming electrode part, the second extraction electrode part, and the through-current electrode part, for forming analyte transmission paths in the skin, and for extracting analyte at the second extraction electrode part;

wherein the second path-forming electrode part comprises:

a second path-forming electrode connected to the power supply part; and

a second chamber comprising purified water/ion-conductive material, wherein the purified water/ion-conductive material contacts the second path-forming electrode; [[and]]

wherein the second chamber is configured such that the purified water/ion-conductive material has a contact area with the skin of less than 25 mm^2; and

wherein the second path-forming electrode part is connected to the power supply part during formation of the analyte transmission paths, and during analyte extraction, wherein the second path-forming electrode part is disconnected from the power supply part, and wherein the second extraction electrode part is connected to the power supply part.

Claims 23 to 38 (Cancelled).